

**INTERRUPTING THE INTERACTION OF INTERCELLULAR  
ADHESION MOLECULE-1 AND RESPIRATORY SYNCYTIAL  
VIRUS TO FOR PREVENTION AND TREATMENT OF INFECTION**

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**ABSTRACT OF THE DISCLOSURE**

10        There is provided a method of preventing a respiratory infection by  
administering an effective amount of an agent for regulating ICAM-1 expression.  
Also provided is a composition for the prevention of respiratory infection  
including an agent which regulates ICAM expression. method of preventing RSV  
infection by administering an effective amount of an agent that interferes with  
15        the binding of RSV to ICAM-1. A method of preventing RSV infection by  
administering an effective amount of an agent that down regulates the  
expression of ICAM-1, thereby decreasing RSV binding to ICAM-1 is also  
provided. There is provided a method of treating RSV infection by administering  
an effective amount of an agent for down regulating ICAM-1 expression. A  
20        method of blocking RSV-ICAM-1 interaction by administering an effective  
amount of agents for blocking ICAM sites of binding is provided. Also provided is  
a compound for blocking RSV-ICAM-1 interaction including an agent for blocking  
ICAM sites of binding.